

Axial piston drive with a continuously adjustable piston stroke

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## Abstract

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10 The invention relates to an axial piston drive with a  
continuously adjustable piston stroke, which comprises a drive  
shaft (10, 12) on which a swash plate (16) is supported in a  
crank chamber (14) in such a way as to be tiltable and  
displaceable in the axial direction, as well as a controller  
(18, 20) by means of which an tilt angle and an axial position  
15 of the swash plate (16) can be adjusted, and at least one  
piston (26, 28) connected to the swash plate (16) so that it  
can be actuated to move within a cylinder (22, 24).

It is proposed that the controller (18, 20) incorporates an  
20 adjustment unit (30, 32) separated from the piston (26, 28).

(Fig. 1)